In the Claims:

This version of the claims supersedes all prior versions.

1. (Currently Amended) A method comprising:

~~A surface management system exchanging information with a power management system of a device, to allow the two systems to communicate.~~

A power management system determining a power consumption level of one or more electronic devices coupled to a surface; and

The power management system controlling a level of power delivered from the surface to the one or more electronic devices coupled to the surface, based on the determined power consumption level of the one or more devices.

2. (Cancelled)

3. (New) The method of claim 1 wherein the power consumption level of the one or more devices is dynamic.

4. (New) The method of claim 1 wherein the determining the power consumption level of the one or more devices further comprises the management system communicating with the one or more devices coupled to the surface.

5. (New) The method of claim 1 wherein the determining further comprises the management system monitoring activities of the one or more devices coupled to the surface to identify a change in power consumption of the one or more devices.

6. (New) The method of claim 5 further comprising monitoring radio frequency patterns of the one or more devices to identify the power consumption level of the one or more devices.

7. (New) The method of claim 5 further wherein a power consumption signature is used to determine the power consumption level of the one or more devices.

8. (New) The method of claim 1 further comprising the management system detecting incompatibility with one or more devices coupled to the surface.

9. (New) The method of claim 8 wherein the detecting incompatibility further comprises the management system communicating its power handling capabilities when the one or more devices coupled to the surface requests a power level that exceeds the power handling capabilities of the management system.

10. (New) A machine readable medium having stored thereon a set of instructions which when executed perform a method comprising:

A power management system determining a power consumption level of one or more electronic devices coupled to a surface; and

The power management system controlling a level of power delivered from the surface to the one or more electronic devices coupled to the surface, based on the determined power consumption level of the one or more devices.

11. (New) A system, comprising:

a means for determining a power consumption level of one or more electronic devices coupled to a surface; and

a means for controlling a level of power delivered from the surface to the one or more electronic devices coupled to the surface, based on the determined power consumption level of the one or more devices.